## Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

## Listing of the Claims:

- (Currently Amended) A method for making a modified surface on a polymeric material, the method comprising:
- -incubating a photo initiator coated polymoric material with an aqueous monomer capable of free radical polymerization; and
- exposing the incubating polymeric material to UV-light creating a modified surface on said-polymeric material.
   incubating a photo-initiator-coated silicone material provided as a device
- selected from the group consisting of implants, catheters, stants, wound dressings, cardiac valves, tublings, pins and clips with an acueous monomer solution capable of free radical polymerization and selected from the group consisting of acrylic acid, methacrylic acid, 2-carboxyethyl acrylato, 4-vinythenzolic acid, itsoroic acid, and mixtures thereof, wherein the photo-initiator is selected from the group consisting of p-benzoy, tert-buty/perbenzoes, 2,2-dimethoxy-2-phenyl-acetophenone, benzil ketals, benzoica and their derivatives and mixtures thereof;
- exposing the incubating material to ultraviolet (UV) light creating a modified surface on said material;
  - washing and drying said material with said modified surface.
- (Cancelled)
- (Cancelled)

- 4. (Cancelled)
- (Cancelled)
- (Cancelled)
  - 7. (Cancelled)
  - 8. (Cancelled)
  - (Currently Amended) The method of claim 8, wherein said aqueous monomer solution additionally comprises a photo-initiator.
  - 10. (Currently Amended) The method of claim 9, wherein said photo-initiator of said aqueous monomer solution is selected from the group consisting of 2,2-dimethoxy-2-phenyl-acotophenone, p-benzoyl tert-butylperbenzoate and mixtures thereof.
  - 11. (Cancelled) The method of claim 10, further comprising rendering said modified surface lubricious.
  - 12. (Original) The method of claim 11, wherein said modified surface is ionized in an aqueous base to be negatively charged to provide a lubricious surface.
  - 13. (Original) The method of claim 12, wherein said aqueous base is selected from the group consisting of disodium tetraborate, sodium carbonate, ammonium hydroxide, calcium hydroxide, sodium hydroxide and mixtures thereof.

- (Original) The method of claim 13, further comprising rendering said lubricious modified surface of said polymeric material antibacterial.
- 15. (Currently Amended) The method of claim 14, wherein said polymeric material is incubated in an electrolyte solution to saturate the negatively charged surface with cations effect to followed by incubation in a silver sait solution.
- 16. (Currently Amended) The method of claim 15, wherein said silver sait solution comprises a sait selected from the group consisting of silver locates, silver phosphate, silver citates, silver acetates, silver brozoate, silver chotde, silver carbonate, silver solution, silver indiate, silver most silver indiate, silver most silver indiate, silver solutions and most silver indiates, silver solutions are discounted and most silver silvers thereof.
- (Currently Amended) <u>A method for making a modified surface on a polymeric material, the method comprising:</u>
- incubating a photo-initiator-coated polymeric material with an aqueous monomer solution capable of free radical polymerization;
- exposing the incubating polymeric material to ultraviolet (UV) light creating a modified surface on said polymeric material; and
- <u>-coating</u> The method-of-claim 19, whorein said polymeric material with said modified surface is-coated-with a gelatin polyethylene oxide hydrogel having a silver salt incorporated therein.
- 18. (Cancelled)
- 19. (Cancelled)

- 20 (Cancelled)
- 21. (Cancelled)
- 22. (Cancelled)
- 23. (Currently Amended) A method for making a lubricious anti-microbial modified surface on a polymeric material, the method comprising:
- incubating a photo-initiator-coated polymeric material with an aqueous monomer solution\_capable of free radical polymerization;
- exposing the incubating polymeric material to <u>ultraviolet (UV)</u> light creating a modified polymeric surface on said polymeric material;
  - rendering said modified polymeric surface lubricious; and
  - providing a silver agent to said ionized-lubricious modified polymeric surface.
- 24. (Original) The method of claim 23, wherein said polymeric material is selected from the group consisting of polyurethanes, polyamides, polyesters, polyethers, polyorganosiloxanes, polyatifones, polytetrafluoroethytene and polysiloxanes.
- 25. (Currently Amended) The method of claim 2423, wherein said polymeric material is silicone.
- 26. (Original) The method of claim 25, wherein said polymeric material is provided as a device selected from the group consisting of implants, catheters, stents, wound dressings, cardiac valves, tubings, pins and clips.

- 27. (Original) The method of claim 26, wherein said monomer is selected from the group consisting of acryllo acid, methacrylic acid, 2-carboxyethyl acrylate, 4-vinvibenzoic acid, Itaconic acid, and mixtures thereof.
- 28. (Currently Amended) The method of claim 27, wherein said photo-Initiator is selected from the group consisting of peresters, g-hydroxyketones, benzil ketals, benzolns and their derivatives and mixtures thereof.
- 29. (Currently Amended) The method of claim 28, wherein said photo-initiator is selected from the group consisting of 2,2-dimethoxy-2-phenyl-acetophenone, p-benzovi tert-butyloproenzoate and mixtures thereof.
- 30. (Currently Amended) The method of claim 23, wherein said aqueous monomer <u>solution</u> additionally comprises a photo-initiator.
- 31. (Currently Amended) The method of claim 30, wherein said photo-initiator of said aqueous monomer solution is selected from the group consisting of 2,2-dimethoxy-2-phenyl-acetophenone, p-benzoyl tert-butylperbenzoate and mixtures thereof.
- 32. (Original) The method of claim 31, wherein said silver agent is added by immersing said ionized modified polymeric material in an electrolyte solution having a pH of at least about 8.0 followed by immersion in a silver salt solution.
- (Original) The method of claim 31, wherein a hydrogel is covalently bound to said modified polymeric surface.

- (Original) The method of claim 33, wherein said hydrogel comprises a crosslinked matrix of gelatin and poly (ethylene oxide) sequestering a silver agent.
- 35. (Original) The method of claim 32, wherein sald silver agent comprises a silver salt selected from the group consisting of silver lactate, silver phosphate, silver citrate, silver acetate, silver benzoate, silver chloride, silver carbonate, silver loodde, silver lodate, silver intrate, silver laurate, silver sulfadiazine, silver palmitate, silver benzoate, silver saldivate, silver laurate, silver sulfadiazine, silver palmitate, silver benzoate, silver saldivate, silver laurations thereof.
- (Currently Amended) A method for making a lubricious anti-microbial modified surface on a polymeric material, the method comprising:
  - precoating a polymeric material with a photo-initiator,
- immersing the precosted polymeric material in an aqueous solution of vinyl
  carryolic acid monomer and exposing the incubating polymeric material to <u>uttraviolet</u>
  [UV] light to create s modified non-lubricious polyacrylate surface on said polymeric
  material:
- ionizing said polyacrylate surface of said polymeric material by immersion in an aqueous base to render said surface lubricious;
- saturating the polyacrylate surface with cations by immersion in an electrolyte solution:
  - providing silver to said cation-saturated polyacrylate surface.
- (Original) The method of claim 36, wherein said precoated polymeric material
  is further washed and dried prior to immersion in monomer.

- (Original) The method of claim 36, wherein said polymeric material is selected from the group consisting of polyurethanes, polyamides, polyesters, polyethers, polyorrangesiloxanes, polysulfones, polytetrafluoroethylene and polysiloxanes.
- (Currently Amended) The method of claim 3836, wherein said polymeric material is silicone.
- 40. (Original) The method of claim 39, wherein said polymeric material is provided as a device selected from the group consisting of implants, catheters, stents, wound dressings, cardiac valves, tubings, pins and clips.
- 41. (Original) The method of claim 40, wherein said monomer is selected from the group consisting of acrylic acid, methacrylic acid, 2-carboxyethyl acrylate, 4-vinylbenzoic acid, itaconic acid, and mixtures thereof.
- (Currently Amended) The method of claim 41, wherein said photo-initiator is selected from the group consisting of peresters, g-hydroxyketones, benzil ketals, benzoins and their derivatives and mixtures thereof.
- 43. (Currently Amended) The method of claim 42, wherein said photo-initiator is selected from the group eeneiting <u>consisting</u> of 2,2-dimethoxy-2-phenyl-acetophenone, p-benzoyl tert-butyloerbenzoate and mixtures thereof.
- (Original) The method of claim 43, wherein said aqueous monomer solution additionally comprises a photo-initiator.

- 45. (Currently Amended) The method of claim 44, wherein said photo-initiator of said acuseous monomer solution is selected from the group consisting of 2,2-dimethoxy-2-phenyl-acetophenone, p-benzont tert-butyloerbenzosts and mixtures thereof.
- (Original) The method of claim 45, wherein silver is provided by immersing said ionized polymeric material in a silver salt solution.
- 47. (Original) The method of claim 45, wherein silver is provided by covalently binding a hydrogel to said ionized polyacrylate surface, said hydrogel sequestering a silver sait.
- 45. (Original) The method of claim 46, wherein said silver sait is selected from the group consisting of silver lactate, silver phosphate, silver cirrate, silver acetate, silver benzoate, silver carbonate, silver lodde, silver lodate, silver nitrate, silver laurate, silver sulfadiazine, silver palmitate and mixtures thereof.
- (Original) The method of claim 36, wherein said electrolyte solution has a pH of at least about 8.0.
- 50. (Original) The method of claim 49, wherein said electrolyte solution is selected from the group consisting of sodium lactate, sodium acetate, sodium citrate, disordium phosphata, potassium acetate, potassium citrate, dipotassium phosphate and mixtures thereof.
- (Original) The method of claim 50, wherein said electrolyte solution is sodium lactate.

- 52. (New) A method for making a modified surface on a polymeric material, the method comprising:
- incubating a photo-initiator-coated polymeric material with an aqueous monomer solution capable of free radical polymerization;
- exposing the incubating polymeric material to ultraviolet (UV) light creating a modified surface on said polymeric materials; and
  - rendering said modified surface lubricious.
- 53. (New) The method of claim 52, wherein said method further comprises providing a silver agent to said lubricious modified surface.